

# The OSCILLATOR

Volume 30 Issue 6  
June 2007

## Oregon Tualatin Valley Amateur Radio Club

The Oregon Tualatin Valley Amateur Radio Club is a special service club related to ARRL: The National Association for Amateur Radio. We seek to advance the Amateur Radio Service through:

- ⇒ Education and Training of new and licensed amateurs
- ⇒ Public Service and Emergency communication
- ⇒ Hobby nets, contests and meetings
- ⇒ Social events

Membership is available to anyone interested in amateur radio. A license is not required.

### FEMA-Citizens Corps Spotlights Amateur Radio

Affiliate Spotlight: American Radio Relay League Radio operators come from all walks of life - rock stars, engineers, lawyers, doctors, pilots, judges, computer programmers, teachers and perhaps someone in your neighborhood. On June 23 - 24, the American Radio Relay League (ARRL) will hold its annual Field Day contest for amateur radio operators and invites the community to join them. Visit the ARRL website to find a Field Day location in your area:

[www.arrl.org](http://www.arrl.org).

Founded in 1914, ARRL represents more than 650,000 FCC-licensed radio volunteers nationwide. One of the primary FCC mandates for amateur radio is to provide emergency communications during disasters when other communications' systems are destroyed or damaged. Radio volunteers can use a wide variety of methods to send emergency messages, from traditional Morse Code to digital methods that include email, the internet and even television images, all on emergency power. Radio volunteers use their own equipment and their own time at no cost to provide a totally interoperable emergency communication service—the only fail-safe communications service in the world. SEE FEMA, Page 3

### 56th HAMVENTION A SUCCESS

The largest amateur radio gathering in the world has completed its 56th event. It was predicted that between twenty and twenty-five thousand visitors would flock to the Dayton area for Hamvention at Hara Arena. This year's advance ticket sales were slightly ahead of last year. Actual attendance counts will be released in early June.

Ham radio enthusiasts journey across the country to attend Hamvention, with some coming from around the globe. This year, one special guest traveled all the way from outer space. NASA space shuttle veteran and International Space Station Expedition 12 commander Bill McArthur was on hand to greet visitors at Hara Arena.

During his six months on the space station, Bill McArthur NA1SS, communicated via ham radio with people from all 50 states and seven continents.

Hamvention manages to draw large crowds year after year. The inaugural 1952 convention at the Biltmore Hotel in downtown Dayton boasted seven exhibitors and a crowd of 600. That attendance was twice the expected participation. Since then, Hamvention has grown into not only the largest Hara Arena event of the year, but the largest ham radio convention in the world. Although known as the Dayton Hamvention, Hara Arena is actually located in Trotwood, Ohio.

See HAMVENTION Page 4

### CLUB MEETING WEDNESDAY, June 13th

OTVARC is affiliated with ARRL: The National Association for Amateur Radio and is a *Special Service Club*. We meet on the second Wednesday of each month. Our June 13th meeting will be held at The Hillsboro Elks' Lodge, 21865 NW Quatama Rd, Hillsboro, beginning at 7:00 pm.

Our program will feature *FIELD DAY 2007* with JD Fort K7JDF presenting his vision for this year's event.

The Hillsboro Elks' have food available if you'd like to come before 7:00 pm and eat off their buffet or menu. See you on June 13th.

### Happy June Birthday

1	Alan R. Morse	
2	Dennis Newton	AC7UY
4	Leonard Thompson	KA7IOB
8	Darwin Durr	K7PSD
11	Hanford VanNess	KE7BB
17	Gordon Sykes	KE7ERY
21	Claire Johnson	N7CM
22	Steven L. Willoughby	N7PFI
22	Dick Millager	KA7SPS
23	Bob Orr	WF7Q
30	Maureen O'Rourke	KA7LAP
30	Thomas Dixon	KE7FTE

Have we missed your birthday?  
Likely we do not have your correct  
date in our database.

Send updates and corrections to  
[otvarc@gmail.com](mailto:otvarc@gmail.com)

## GENERAL CLASS UPDATE SERIES

Our second class series to assist those who wish to upgrade their Technician Class license to General Class is planned for September. The club will sponsor a twelve hour preparation course followed by the General Class exam on October 6th.

The club sponsored series will be held at Ronler Acres Fire Station in Hillsboro. Class ELMERS will assist in helping class members with the questions in the new General Class Pool (effective July 1, 2007). If you would like to be included, drop an email to [otvarc@gmail.com](mailto:otvarc@gmail.com) to be notified when it will take place.

### LUNCH BUNCH

Our June Lunch Bunch  
Will be held at  
*Field Day*  
On Saturday evening, June 23rd.

For More Information  
call KC7YTD Linda  
503.246.8879

Your 2007 Club Roster is available for use at:

<http://tinyurl.com/296rdb>

This URL takes you to a spread sheet with roster information. It will be kept current. Your role in the freshness of the information is to notify the club when something changes.

Thanks to those who verified information for the roster.



Take a soothing lip balm with you to *Sea-Pac*  
and Field Day — It'll help with your QSOs!!!

### OREGON TRAIL LIP BALM

Created by: Maureen O'Rourke KA7LAP  
[mcorourke@netzero.com](mailto:mcorourke@netzero.com)

Available at Oregon Mountain Community Store on Sandy Blvd

## MICKLEY SCHOLARSHIP AWARDED

The Chuck Mickley Memorial Scholarship is offered to a student who is a licensed amateur radio operator. The club sponsors this \$1,000.00 scholarship through its fund raising activities each year (*Sea-Pac*, drawings, etc.).

This year the Chuck Mickley Memorial Scholarship recipient is Steve Johnson N7VIC. Steve is a "retired" Marine (is there such a thing?) who is returning to school. He became a ham after seeing another amateur operator's mobile station while on duty in Yuma, Arizona. He is active in public and emergency service and has successfully "elmered" more than a dozen others, including his father. Steve is a new member of OTVARC...so we'll be seeing him in our meetings and activities.

### OTVARC ADDRESS:

880 NE 25th Ave Ste 2-160  
Hillsboro OR 97124-6258

## 146.960 MHz Repeater By Shoutcast

The club's 146.960 MHz Repeater is heard via the Internet at [www.shoutcast.com](http://www.shoutcast.com). Search for W7OTV. The stream is up 24/7 at 48 kbps with a max of 32 listeners. Listening only, no transmit capability.

16 MAR 07-16 APR 07

	Geographic location	Visitors	Play Duration
1	United States	59	20:16:09
2	Germany	17	1:12:51
3	United Kingdom	4	0:27:02
4	Brazil	4	0:09:51
5	Hungary	2	0:02:26
6	Switzerland	2	0:44:22
7	Canada	1	0:14:39
8	Sweden	1	0:01:15
9	Taiwan	1	0:02:31
10	Philippines	1	0:01:53
11	Romania	1	0:02:40
12	Colombia	1	0:01:28
TOTAL		94	23:17:07

73. Frank, K2NCC@arrl.net

## VE report for May 2007

Our May session was held on Saturday the 5th, just after completing our General license class. Our number of applicants held pretty steady, with 20 attending this session. The majority of applicants tried for General, with 12 of 13 attempts at General succeeding. Five new Technicians were won, as were two Extras. Congratulations to all, especially to the OTVARC members from the class who are now proud holders of General class tickets! Our next stop is in Seaside at 9:00 am on June 2nd. Pre-registrations are slightly above previous years, with 23 on the list compared to 17 last year. There is always a great deal of walk-in business at hamfests so we will see when we get there!

Thanks to the VEs for May: Will N7THL, Joel AD7IS, Dennis AC7UY, Dick KA7SPS, Jennifer K7NAA, Claire N7CM, and Ernie K7EAL.

73 until next month,  
Carl WS7L

## FEMA, from Page 1

The ARRL website at [www.arrl.org](http://www.arrl.org) contains information on every aspect of amateur radio, including public service and emergency communications, building antennas, international expeditions, the history of amateur radio, rules and regulations, wireless technology education and even bouncing signals off the moon and the tails of comets.

## PUBLIC SERVICE OPPORTUNITY

The Grand Floral (Rose) Parade, Saturday, June 9, is in need of a couple of stations (hand-held) along the parade route. If you'd like to see the parade as you never have before — from inside the "pink line," this is your chance. The time frame is roughly 10:00 am - 2:00 pm, depending upon location.

E-mail your phone or call for specifics.

Barry Carlson — W7BLC  
503-245-8279  
[carlsonb@hevanet.com](mailto:carlsonb@hevanet.com)

**WORLDWIDE DISTRIBUTION**



**11705 SW PACIFIC HWY**  
(99W) SUITE Z  
PORTLAND, OR 97223

**SERVING YOU:**  
**Leon, W7AD, Manager**  
**and**  
**Dan, N7UDE**

Now purchasing select estates  
and used equipment on the spot.  
*Contact Leon*

Call toll-free from OR, WA, ID, AK  
**1-800-854-6046**  
In Portland 503-598-0555  
Fax 503-684-0469



PORTLAND, OR ANAHEIM, CA DENVER, CO OAKLAND, CA  
 PHOENIX, AZ SALEM, NH SAN DIEGO, CA NEWCASTLE, DE  
 SUNNYVALE, CA VAN NUYS, CA WOODBRIDGE, VA


## OREGON WEATHER NET NEW INTERNET ADDRESS

One activity of Oregon Emergency Management Net is the collection of daily weather reports from around the state. The net takes place on 80 meters each morning.


The resulting reports are available to the public at this internet address:

[http://www.wrh.noaa.gov/total\\_forecast/getprod.php?wfo=pqr&pil=OSO&sid=PDX](http://www.wrh.noaa.gov/total_forecast/getprod.php?wfo=pqr&pil=OSO&sid=PDX)

This is a new URL. If you saved the previous address, it is no longer valid and should be replaced with this one.



**J. Steven Sanders**  
Certified General Appraiser  
**Sanders Appraisal, PC**  
**503-320-4100**  
[sandersappraisal@comcast.net](mailto:sandersappraisal@comcast.net)  
Orencia Station, Hillsboro, OR 97124  
Fax: 503-547-8200



## HAMVENTION from Page 1

The 2006 attendance exceeded 20,300. Visitors came from all 50 states and 36 foreign countries. Convention committee member Ron Moorefield W8ILC has been to 55 previous Hamventions. He said this year's event will not turn out to have the largest attendance — ten years ago the convention drew thirty-two thousand. Moorefield said ham radio is becoming more popular again with many new technologies being used. "Getting an amateur license is a lot easier now that you don't have to know (Morse Code)," Moorefield said. "That's bringing a lot more people in."

Hamvention was expected to offer five hundred exhibit spaces showcasing the latest radio equipment as well as more than 2,500 flea market spaces. Hamvention has an estimated economic impact of close to \$4 million for Montgomery County and nearly \$10 million regionally, Jacquelyn Powell, president and chief executive officer with the Dayton/Montgomery County Convention & Visitors Bureau said. Both Mayors (Trotwood and Dayton) indicated that Hamvention would continue to be a priority for their cities into the future.

Two exhibitors at Hamvention reported to The OSCILLATOR that this year's financial results for their companies exceeded any for recent events. Both were positive about the continuing importance of Hamvention for their businesses.



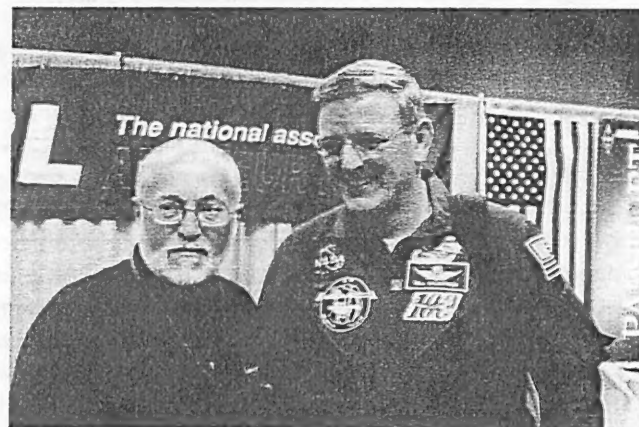
Hamvention—Aerial View

### Congratulations To 2007 Hamvention Award Winners

**Jim Haynie, W5JBP, Amateur of the Year**

**Ed Hare, W1RFI, Special Achievement Award**

**David Cameron, VE7LTD, Technical Excellence  
Award**

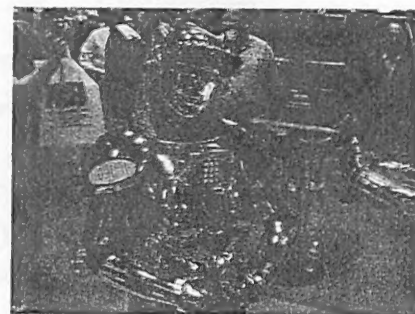


Space Shuttle Pilot Bill McArthur NA1SS (Rt)  
With DARA President



Hamvention—Flea Market

ICOM Robot  
wows  
Hamvention  
Crowds



Commodity Futures Options Trading Corp.  
[www.usafutures.com](http://www.usafutures.com)

C. Wayne Schuler, AI9Q  
Account Executive • Managed Futures

(360) 882-6580

(503) 542-7682

(577) 851-3137

Email: [ai9q@arri.net](mailto:ai9q@arri.net)

Fax (360) 882-6580

## WWW.OTVARC.ORG

You'll want to visit the club web URL on a regular basis. The club is transitioning to updated web services for members, amateur radio operators, and the general public. These changes will take place over the next three months.

On June 1st, the first step was completed when the new pages were released live. Our goal is to maintain our site with fresh information useful to club members, and to offer an inviting presence for other hams to consider joining us. Meeting this standard will require the help of active club members.

Your input to content and presentation for our OTVARC Web is welcome. You may email your observations and suggestions to [otvarc@gmail.com](mailto:otvarc@gmail.com) or snail mail them to our club address: 880 NE 25th Ave, Ste 2-160, Hillsboro OR 97124.

## Canada Ending 136 kHz and 5 MHz Experiments

In accordance with an agreement between Radio Amateurs of Canada (RAC) and Industry Canada, that country's telecommunications regulatory agency, special authorizations allowing some Canadian radio amateurs to conduct experiments at 136 kHz and 5 MHz will terminate June 30. "These experiments have had, as one objective, the provision of data that would support the objectives of RAC and the IARU for possible new allocations to the Amateur Service at these frequencies," the RAC said.

Future special authorizations will depend on the outcomes of World Radiocommunication Conference 2007 (WRC-07), which gets under way October 22, the RAC added. New worldwide, secondary amateur allocations at 135.7 to 137.8 kHz and in the 5 MHz range are up for possible consideration at WRC-07.

## HAMFESTS & CONVENTIONS

**1 - 3 June 2007**

### SEA-PAC

#### Northwestern Division Convention

[www.seapac.org](http://www.seapac.org)  
Talk-In: 146.660  
C. Wayne Schuler, AI9Q  
16414 NE 21st Avenue  
Vancouver, WA 98684  
Phone: 360-892-5580  
Fax: 360-892-5580  
Email: [ai9q@arrl.net](mailto:ai9q@arrl.net)

**21 July 2007**

### Bandon Hamfest

Coos County Radio Club  
Talk-In: 146.61 (no tone); & 145.19 (PL 146.2)  
Contact: Ron Oliver, W7VU  
2041 King Lane  
Myrtle Point, OR 97458  
541-572-5546  
[w7vu@arrl.net](mailto:w7vu@arrl.net)

**28—30 Sep 2007**

### Pacific Northwest VHF+ Conference

Bend Oregon  
Shilo Inn Suites Hotel  
<http://www.pnwvhfs.org>

## WHEN IS THAT CONTEST? WHAT CONTEST IS ON THIS WEEKEND?

Bruce Horn WA7BNM of Studio City, California maintains the Perpetual Contest Calendar to help you answer these questions. Go to:

[www.hornucopia.com/contestcal/perpetualcal.php](http://www.hornucopia.com/contestcal/perpetualcal.php)

## DC POWER

Anderson Connectors & More

Wes Allen, K7WWG  
665 SW 167th Ave • 503-531-4081  
Beaverton, OR 97006

e-mail: [sales@dcpwr.com](mailto:sales@dcpwr.com)  
Web: [www.dcpwr.com](http://www.dcpwr.com)



## No Nonsense Technician Study Guide — and It's Free

Dan Romanchik KB6NU was licensed in 1971, but he "re-discovered" amateur radio at Field Day in 2002. Now, he is President of Arrow Amateur Radio Club in Ann Arbor, Michigan, serves his ARRL Section, and teaches amateur radio classes. Now, Dan has developed three tools that are worth taking a look at if you want to help people become licensed hams. First, Dan has developed a tri-fold brochure for parents when their children and youth are considering the license classes and ham radio. Second, Dan has produced a free Technician Class Study Guide. He says you will not learn everything you need to know with the Guide...but you will learn what you need to obtain your first amateur radio license. You'll find it at: [kb6nu.com/wp-content/uploads/2006/07/2006techstudyguide.pdf](http://kb6nu.com/wp-content/uploads/2006/07/2006techstudyguide.pdf)

The third tool is still in beta form, a No Nonsense General Class Study Guide. More on this tool in a future issue of The OSCILLATOR.

### MORE POWER TIME...

Until recently I've been content to operate "barefoot" on the HF Bands, with 100 watts output. Usually that's enough to work much of the world, without radio frequency interference in the QTH or neighborhood.

A little experimenting with lower power, (QRP) settings proved to me that when conditions are good, you can do a lot with even less power. But what about now, at the bottom of the current solar cycle on those days when sunspots numbers are low and QRM (manmade) and QRN (natural) interference is the norm?

An invitation to operate for a day from a quiet hilltop QTH near Dallas, Oregon, using an Icom IC756 pro III and Icom IC PW-1 amplifier provided a chance to see if Tim Allen, (AKA Tim the Tool-Man Taylor) was right.....is more power the way to go?

By the end of that Sunday afternoon, W4J, a special event station commemorating the 400th anniversary of the founding of Jamestown, Virginia and the Indianapolis 500 Race special event station, W9IMS, were both in the logbook.

The highlight of the afternoon was hearing "Ian", G13DZE near Belfast, Northern Ireland working east coast stations. Cranking up the power and changing to a G5RV antenna positioned for north/south provided the best path over the North Pole. A few calls later and KD7VIK portable broke through the east coast pile-up and gained a 57 signal report both ways and a new Country worked.

While best operating practice requires we only use the minimum power to make a contact, it sure was fun to step-up the RF output and be one of the few west coast stations to make the trip to Ireland that day.

Hope to CU all at Field Day!

Ron O'Connor — KD7VIK

### HELP: Antenna Raising Party

Our new VP Pat Roberson N7PAT has moved from Vancouver to Aloha. He intends to actually operate an amateur radio station from this new location!! He is hosting an *Antenna Raising Party* on Saturday June 9th. The time will be announced (send him an email at [n7pat@arrl.net](mailto:n7pat@arrl.net) or call if you can help).

Pat Roberson, N7PAT  
18230 SW Broad Oak Ct  
Aloha, Oregon  
503-804-2903

What does he plan to erect?

Two masts  
Two 2/70 antennas  
A B&W folded dipole  
Plus, run coax (3) into shack  
and solder new connectors

Can you help?

### FIELD DAY LEADERSHIP

**General Chairman**  
**JD Fort K7JDF**

**Operators Coordination**  
**Steve Ward**

**GOTA/Public Information**  
**Everett Curry W6ABM**  
**Ron O'Connor KD7VIK**

**We are breaking in the new Stub Stewart State Park (see [www.otvarc.org/fieldday](http://www.otvarc.org/fieldday)) and want everyone involved! We'll operate HF, VHF/UHF, CW, and Digital. Have a good time...and help us tell the amateur radio story.**